Smart App Online Series
OL1000/1500/2000/3000ERTXL2U

OL2UD0015EU-02

The Best Quality Online Double Conversion UPS That Offers The Highest Level of Power Protection

CyberPower® Reliability. Quality. Value.

Featuring Online Double Conversion UPS topology, the Online Series provides the highest level of power protection and a guaranteed quality power supply to demanding businesses who value versatility, flexibility, manageability and performance. The numerous engineering excellences in the Online Series include Economy Mode Setting. All to further enhance its overall capability.

With its zero transfer time, the Online Series ensures continuous, consistent and clean Pure Sine Wave power to all mission-critical equipment.

Applications

- Home and Home Office
- Small Office
- Medium Business
- Corporate Data Center
- Networking, Servers & Workstations
- Industrial Equipment

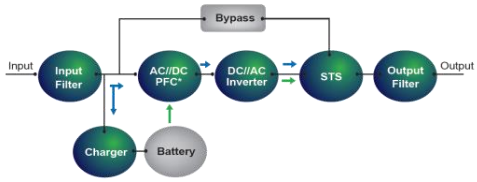
Online Topology | **Pure Sine Wave** | **Hot-Swappable**

SNMP /HTTP | **LCD Display** | **RM/T Form**

Series Features

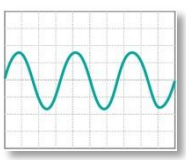
- Pure Sine Wave Output
- Online (Double Conversion) UPS Topology
- Rack/Tower Convertible Configurations
- EMI, RFI, Surge and Spike Protection
- Critical Load Outlets
- Phone/Fax/Modem/DSL/Network Protection
- Emergency Power Off (EPO) Port
- Multifunction LCD Readout
- Rotatable LCD Indicator
- USB & Serial Connectivity Ports
- Extended Runtime (XL) Models
- Smart Battery Management(SBM)
- Hot-Swappable Battery Packs
- SNMP/HTTP Remote Management Capability (Optional)
- PowerPanel® Business Edition Software

ONLINE DOUBLE CONVERSION TOPOLOGY



Online (Double Conversion) topology provides an extra layer of insulation from power problems. This is achieved by continuously operating off battery power and having zero transfer time during power outages. Online topology also stabilizes output frequency and voltage, and eliminates any line noise that may be apparent in industrial settings or when operating off generator power.

OUTPUT WAVEFORM - PURE SINE WAVE



For applications which require the highest level of line clarity for proper function, CyberPower Smart App UPS Systems are the perfect choices with its quality Pure Sine Wave output. They are designed for electronic devices that have *Power Factor Correction* (PFC) Power Supplies as well as for small AC motors and other devices that need true sine-wave power in order to function properly.

POWERPANEL® BUSINESS EDITION S/W

Auto-shutdown Software

PowerPanel® Business Edition Management Software, is compatible with Windows8, 7, Vista, XP, 2000, Windows Server 2012, 2008, 2003, VMware Esxi, Citrix Xenserver, Linux and Mac.

**Software functions may vary due to firmware version and/or hardware constraints.*

Smart App Online Series
OL1000/1500/2000/3000ERTXL2U

CyberPower
Reliability. Quality. Value.

Technical Specification

Model Name	OL1000ERTXL2U	OL1500ERTXL2U	OL2000ERTXL2U	OL3000ERTXL2U
General				
UPS Topology	Double-Conversion	Double-Conversion	Double-Conversion	Double-Conversion
Energy Saving	ECO Mode Efficiency >93%	ECO Mode Efficiency >93%	ECO Mode Efficiency >93%	ECO Mode Efficiency >93%
Active PFC Compatible	Yes	Yes	Yes	Yes
Input				
Voltage	200 - 240Vac	200 - 240Vac	200 - 240Vac	200 - 240Vac
Input Voltage Range	120Vac – 139Vac for 0 – 60% Load, 140Vac – 159Vac for 0 – 70% Load, 160Vac – 179Vac for 0 – 80% Load, 180Vac – 189Vac for 0 – 90% Load, 190Vac – 300Vac for 0 – 100% Load	120Vac – 139Vac for 0 – 60% Load, 140Vac – 159Vac for 0 – 70% Load, 160Vac – 179Vac for 0 – 80% Load, 180Vac – 189Vac for 0 – 90% Load, 190Vac – 300Vac for 0 – 100% Load	120Vac – 139Vac for 0 – 60% Load, 140Vac – 159Vac for 0 – 70% Load, 160Vac – 179Vac for 0 – 80% Load, 180Vac – 189Vac for 0 – 90% Load, 190Vac – 300Vac for 0 – 100% Load	120Vac – 139Vac for 0 – 60% Load, 140Vac – 159Vac for 0 – 70% Load, 160Vac – 179Vac for 0 – 80% Load, 180Vac – 189Vac for 0 – 90% Load, 190Vac – 300Vac for 0 – 100% Load
Input Frequency Range	50/60Hz ± 10Hz (Auto-sensing)	50/60Hz ± 10Hz (Auto-sensing)	50/60Hz ± 10Hz (Auto-sensing)	50/60Hz ± 10Hz (Auto-sensing)
Rated Input current	5	7.5	10	15
Input Power Factor	0.99	0.99	0.99	0.99
Cold Start	Yes	Yes	Yes	Yes
Plug Type	IEC C14	IEC C14	IEC C14	IEC C20
Output				
VA	1000	1500	2000	3000
Watts	900	1350	1800	2700
On Battery Waveform	Sine Wave	Sine Wave	Sine Wave	Sine Wave
On Battery Voltage	200, 208, 220, 230, 240Vac (Configurable) ± 2%	200, 208, 220, 230, 240Vac (Configurable) ± 2%	200, 208, 220, 230, 240Vac (Configurable) ± 2%	200, 208, 220, 230, 240Vac (Configurable) ± 2%
On Battery Frequency	50/60Hz (auto-sensing or configurable) ± 0.25Hz	50/60Hz (auto-sensing or configurable) ± 0.25Hz	50/60Hz (auto-sensing or configurable) ± 0.25Hz	50/60Hz (auto-sensing or configurable) ± 0.25Hz
Outlets - Total	8	8	9	9
Outlet Type	(8) IEC320 C13	(8) IEC320 C13	(1) IEC320 C19, (8) IEC320 C13	(1) IEC320 C19, (8) IEC320 C13
Outlets - Battery & Surge Protected	8	8	9	9
Outlets - Critical Load	4	4	5	5
Outlets - Non-Critical Load (NCL)	4	4	4	4
Rated Power Factor	0.9	0.9	0.9	0.9
Harmonic Distortion	THD < 3% at Linear Load, < 5% at Non-linear Load	THD < 3% at Linear Load, < 5% at Non-linear Load	THD < 3% at Linear Load, < 5% at Non-linear Load	THD < 3% at Linear Load, < 5% at Non-linear Load
Transfer Time	0ms	0ms	0ms	0ms
Battery				
Runtime at Half Load (min)	18	9	18	9
Runtime at Full Load (min)	6	3	6	3
Battery Type	Sealed Lead-Acid	Sealed Lead-Acid	Sealed Lead-Acid	Sealed Lead-Acid
Battery Size	12V/9AH	12V/9AH	12V/9AH	12V/9AH
Battery Quantity	3	3	6	6
User Replaceable	Yes	Yes	Yes	Yes
Hot-Swappable	Yes	Yes	Yes	Yes
Typical Recharge Time	5 Hours	5 Hours	5 Hours	5 Hours
Smart Battery Management (SBM) Mode	Yes	Yes	Yes	Yes
Extended Battery Module	BPE36V60ART2US	BPE36V60ART2US	BPE72V60ART2US	BPE72V60ART2US
Replacement Battery Pack	RBP0074	RBP0074	RBP0076	RBP0076
Replacement Battery Pack Quantity	1	1	1	1
Surge Protection & Filtering				
Surge Suppression	1,780 Joules	1,780 Joules	1,335 Joules	1,335 Joules
Phone / Network Protection RJ11/RJ45	1-In, 1-Out (Combo)	1-In, 1-Out (Combo)	1-In, 1-Out (Combo)	1-In, 1-Out (Combo)
Management & Communications				
LCD Control Panel	22 different settings options via the UPS Configure menu	22 different settings options via the UPS Configure menu	22 different settings options via the UPS Configure menu	22 different settings options via the UPS Configure menu
Detachable LCD Control Panel Option	Yes (Requires a separate DB26 Cable)	Yes (Requires a separate DB26 Cable)	Yes (Requires a separate DB26 Cable)	Yes (Requires a separate DB26 Cable)
HID Compliant USB Port	Yes	Yes	Yes	Yes
Serial Port	Yes	Yes	Yes	Yes
Emergency Power Off (EPO) Port	Yes	Yes	Yes	Yes
Dry Contacts	Yes (Configurable, [I/P Power Fail] [Battery Low] [Summary Alarm] [UPS On Bypass] [UPS Fail])	Yes (Configurable, [I/P Power Fail] [Battery Low] [Summary Alarm] [UPS On Bypass] [UPS Fail])	Yes (Configurable, [I/P Power Fail] [Battery Low] [Summary Alarm] [UPS On Bypass] [UPS Fail])	Yes (Configurable, [I/P Power Fail] [Battery Low] [Summary Alarm] [UPS On Bypass] [UPS Fail])
LED Indicators	Power On (White), Line Mode (Green), Battery Mode (Yellow), Bypass Mode (Yellow), Fault (Red), Replace Battery (Red)	Power On (White), Line Mode (Green), Battery Mode (Yellow), Bypass Mode (Yellow), Fault (Red), Replace Battery (Red)	Power On (White), Line Mode (Green), Battery Mode (Yellow), Bypass Mode (Yellow), Fault (Red), Replace Battery (Red)	Power On (White), Line Mode (Green), Battery Mode (Yellow), Bypass Mode (Yellow), Fault (Red), Replace Battery (Red)
Audible Alarms	Battery Mode, Battery Low, Overload, UPS Fault, Replace Battery	Battery Mode, Battery Low, Overload, UPS Fault, Replace Battery	Battery Mode, Battery Low, Overload, UPS Fault, Replace Battery	Battery Mode, Battery Low, Overload, UPS Fault, Replace Battery
Software	PowerPanel® Business Edition	PowerPanel® Business Edition	PowerPanel® Business Edition	PowerPanel® Business Edition
SNMP / HTTP Remote Monitoring	Yes, with optional RMCARD302 / RMCARD303	Yes, with optional RMCARD302 / RMCARD303	Yes, with optional RMCARD302 / RMCARD303	Yes, with optional RMCARD302 / RMCARD303
Physical				
Form Factor	Rack/Tower	Rack/Tower	Rack/Tower	Rack/Tower
Physical - UPS Module				
Dimensions (WxHxD) (mm.)	433 x 88 x 430	433 x 88 x 430	433 x 88 x 600	433 x 88 x 600
Weight (kg.)	18	18	31	31
Installed Rack Height	2U	2U	2U	2U
Environmental				
Operating Temperature	32 °F to 104 °F / 0 °C to 40 °C	32 °F to 104 °F / 0 °C to 40 °C	32 °F to 104 °F / 0 °C to 40 °C	32 °F to 104 °F / 0 °C to 40 °C
Operating Humidity	0% - 90% non-condensing	0% - 90% non-condensing	0% - 90% non-condensing	0% - 90% non-condensing
Operating Elevation	0-10000 feet (0-3000 meters)	0-10000 feet (0-3000 meters)	0-10000 feet (0-3000 meters)	0-10000 feet (0-3000 meters)
Storage Temperature	5 °F to 113°F / -15°C to 45 °C	5 °F to 113°F / -15°C to 45 °C	5 °F to 113°F / -15°C to 45 °C	5 °F to 113°F / -15°C to 45 °C
Storage Relative Humidity	0% - 95% non-condensing	0% - 95% non-condensing	0% - 95% non-condensing	0% - 95% non-condensing
Online Thermal Dissipation	341 BTU/hr	512 BTU/hr	759 BTU/hr	1139 BTU/hr

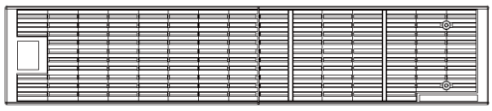
Smart App Online Series

OL1000/1500/2000/3000ERTXL2U

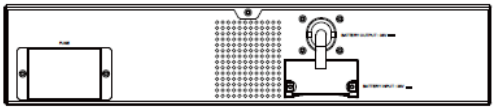
CyberPower®
Reliability. Quality. Value.

Battery

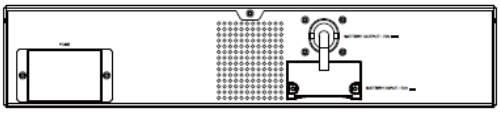
Model	BPE36V60ART2US	BPE72V60ART2US
Voltage	36V	72V
Amperage	60A	60A
Physical		
Dimensions (W x H x D) (mm)	433 x 88 x 430	433 x 88 x 600
Weight (kg)	23	44
Battery		
Sealed Maintenance Free Lead Acid Battery	(6) 12V / 9AH	(12) 12V / 9AH
Interface	PP45	PP45
Environment		
Operating Temperature	32~104°F (0~40°C)	32~104°F (0~40°C)
Humidity	0~90% Non-Condensing	0~90% Non-Condensing



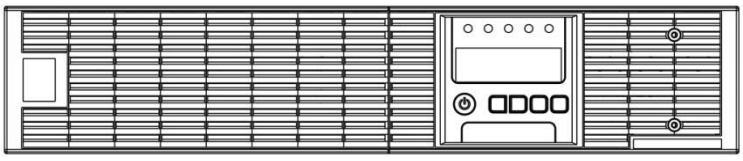
Front



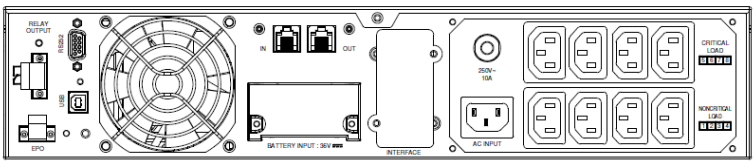
BPE36V60ART2US



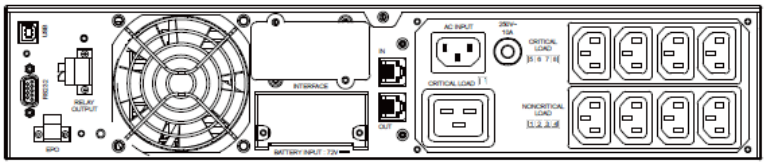
BPE76V60ART2US



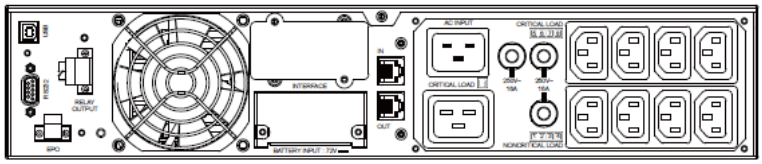
Front



OL1000ERTXL2U / OL1500ERTXL2U



OL2000ERTXL2U



OL3000ERTXL2U

CyberPower® works with Cisco on the latest version of EnergyWise™ Compatibility. Go to http://www.cpsww.eu/products/pdu/cisco_disclaimer.htm for complete disclaimer.

DISTRIBUTED BY:

CyberPower's Manufacturing Facilities are **ISO 9001:2000**, **ISO 14000,** and **QC080000** Approved